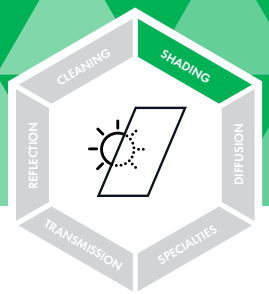
ReduSol®

REMOVABLE GREENHOUSE SHADING AGAINST EXCESS SUNLIGHT AND HEAT



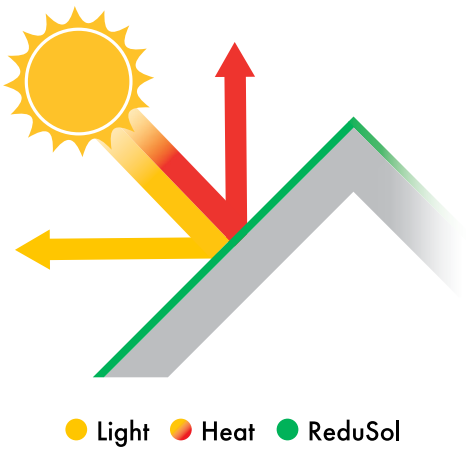


ReduSol is a shading agent that reflects high levels of solar energy. It is wear-resistant and can be easily removed with ReduClean. For many years ReduSol is the obvious choice for protecting crops against excess heat and light.

Every shading agent has its strong features. The agent that best suits your situation mainly depends on the crop and sometimes the variety. ReduSol provides shade from the sunlight across the whole spectrum. Depending on the climate, both light-preferring and shade-preferring crops can benefit from ReduSol.

PROPERTIES

- Suitable for glass, acrylate, polycarbonate, and plastic film.
- Wear and frost resistant.
- Easily combined with other ReduSystems products.
- Potentially higher yield and better quality.
- Up to 80% shading.
- Becomes very transparent when wet (35% more transmission).
- Good layer quality and drying time.
- Stable, optimized climate.



SPRING SUMMER AUTUMN WINTER

DO YOU WANT TO MAKE OPTIMAL USE OF SUNLIGHT ALL YEAR ROUND?

REDUSYSTEMS.COM

HOW TO APPLY?



DRONE



MACHINE



HELICOPTER



MANUAL

The best and longest-lasting results are obtained when the coating is applied to a clean, dry greenhouse roof, as follows:

- ✓ Apply ReduSol only under fast-drying circumstances. (T > 5°C/41°F + RH < 80%)
- ✓ Fill the mixing tank with the required quantity of clean water and add ReduSol, stirring continuously.
- ✓ Stir the spray liquid frequently during the application.
- ✓ Apply ReduSol evenly to the greenhouse surface.
- ✗ Do not use any non-ReduSystems shading products in combination with ReduSol.
- ✗ Do not apply when rain is expected within 6 hours, respect drying time.

BUCKETS PER HECTARE	BUCKETS PER ACRE	NET PAR SHADING	NET NIR SHADING
20	8	48%	47%
15	6	44%	45%
10	4	37%	38%

Values are based on Wageningen University & Research measurements. The values mentioned are the maximum shading values possible and applied in laboratory circumstances. Depending on the application method, weather, and greenhouse type, shading values in practice can differ.

Note: *The number of buckets (each containing 20KG/3.75 US gal) can vary depending on the crop, climate, and type of greenhouse.* ***Products need to be mixed with water****, and the total amount of spraying liquid (water + coating) varies according to the application method. Net shading does not include structure.*

HOW TO REMOVE?

- ReduSol can be easily removed using ReduClean. For optimal results, dilute 250 liters of ReduClean per hectare (26 US gal/ acre) with water at a ratio of 1:5 to 1:7. Ensure it is evenly spread over a dry greenhouse surface. Do not spray during rainy conditions or when strong winds exceed 2 m/s.
- When cleaning mechanically allow ReduClean to soak minimal 15 minutes before brushing. Alternatively, ReduClean can be applied when a considerable amount of rain is expected within one week. The rain will wash off the ReduSol layer.



Contact us for more information and technical advice:

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ReduSystems® is the global leading brand in developing coatings and cleaners for greenhouse cultivation. The products control the incidence of natural light and heat to optimise the climate for the crop in every season - from a cooler climate in summer and more light in winter, to diffuse light and changing the light spectrum.

ReduSystems is a brand of Lumiforte®